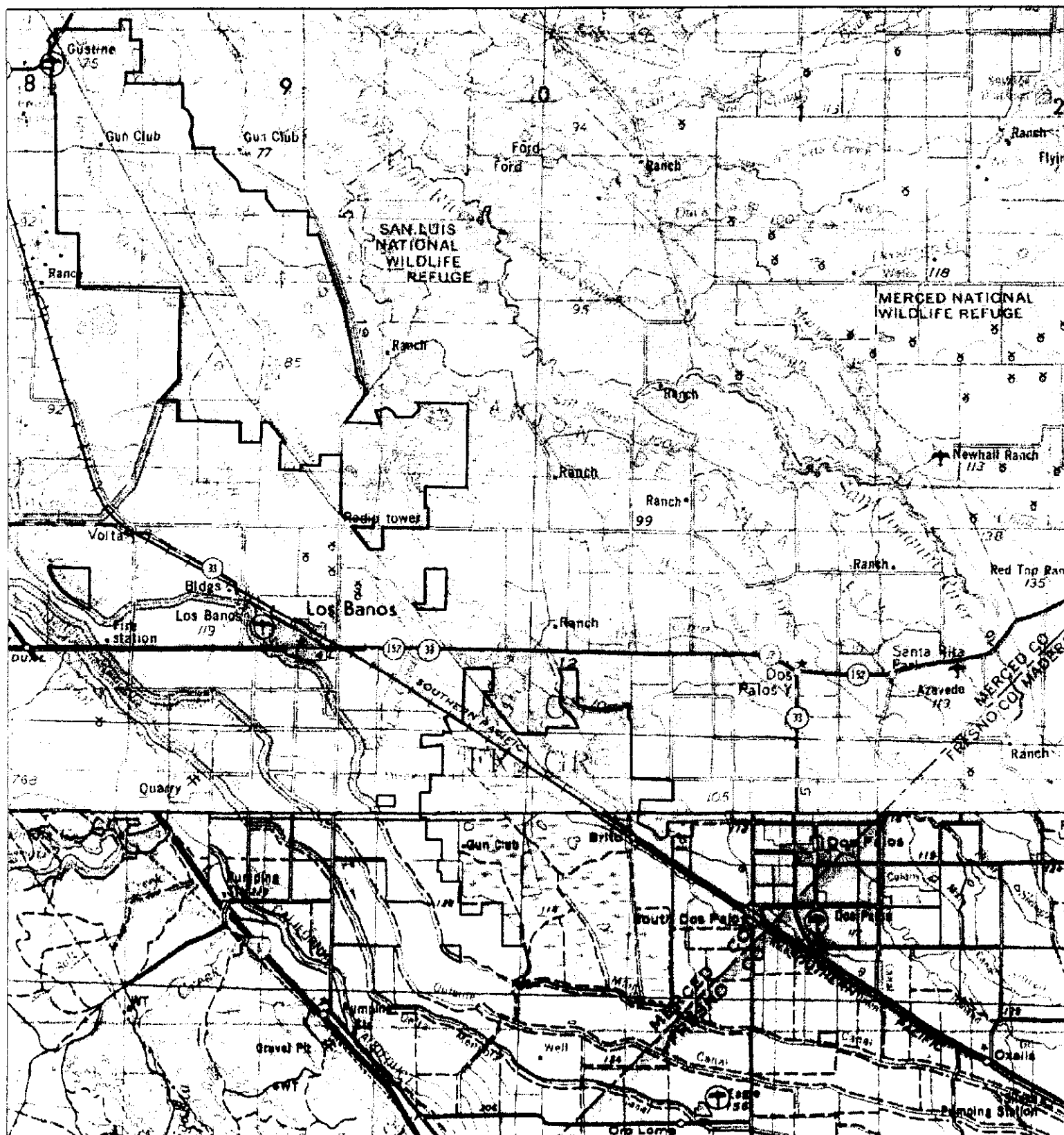


## **Attachment 1.**

### **Grassland Water District Location Maps**





Attachment 2.

Letters of Support

# MERCED COUNTY

## BOARD OF SUPERVISORS

2222 'M' STREET • MERCED, CALIFORNIA 95340 • TELEPHONE (209) 385-7366 • FAX NO. (209) 726-7977



**GLORIA CORTEZ KEENE**  
First District  
Merced

**KATHLEEN M. CROOKHAM**  
Second District  
Merced

**JOE RIVERO**  
Third District  
Atwater

**DEIDRE F. KELSEY**  
Fourth District  
Snelling

**JERRY O'BANION**  
Fifth District  
Dos Palos

**GREGORY B. WELLMAN**  
Clerk

April 13, 1999

**Mr. Don Marciochi**  
General Manager  
Grassland Water District  
22759 S. Mercey Springs Road  
Los Banos, CA 93635

Dear Mr. Marciochi:

The Grassland Water District (GWD) in cooperation with Lawrence Berkeley National Laboratory, the California Regional Water Quality Control Board, the California Department of Water Resources and the U.S. Bureau of Reclamation is submitting a proposal for a Real-Time Water Quality Management Project.

The project proposes to implement a program of real-time monitoring and water management within the GWD to improve the coordination of return flows. The project has the potential to improve the San Joaquin River water quality by timing wetland discharges to coincide with peak river flows.

The Merced County Board of Supervisors supports the project proposal and the efforts of the Grassland Water District to improve water quality.

Sincerely,

**Deidre F. Kelsey**  
Chairman, Board of Supervisors



*Grassland Resource Conservation District*  
*22759 S. Mercey Springs Rd.*  
*Los Banos, CA 93635*  
*Telephone (209) 826-5188*  
*Fax (209) 826-4984*

April 5, 1999

Mr. Don Marciochi, General Manager  
Grassland Water District  
22759 S. Mercey Springs Rd  
Los Banos, CA 93635

RE: CALFED Proposal – Adaptive real-time management of seasonal wetlands in the Grasslands Water District to improve water quality in the San Joaquin River

The Grassland Resource Conservation District fully supports the goals outlined in the Grassland Water District's CALFED grant proposal entitled *Adaptive real-time management of seasonal wetlands in the Grasslands Water District to improve water quality in the San Joaquin River*. We believe the information provided by this project will be of significant benefit in understanding the effects of wetland drainage on water quality in the San Joaquin River. In addition, the project offers an excellent opportunity to demonstrate the commitment from both environmental water users, as well as agricultural water users, to help alleviate potential water quality impacts in the San Joaquin River watershed.

Once again, we are in complete support of the project and strongly urge CALFED to fund the project. If we can be of any assistance in making this project a success, please notify us.

Sincerely,

Duane Cosart  
GRCD President

---

# SAN JOAQUIN RIVER EXCHANGE CONTRACTORS WATER AUTHORITY

---

*Consisting of 240,000 acres on the Westside of the San Joaquin Valley*

**JAMES E. O'BANION**  
Chairman

**JOHN B. BRITTON**  
Vice Chairman

**STEVE CHEDESTER**  
Executive Director

**JOE SCOTT**  
Water Resources Specialist

**SHELLEY STAUFFER**  
Administrative Assistant

**MINASIAN LAW FIRM**  
Legal Counsel

**Central California  
Irrigation District**

**JAMES E. O'BANION**  
President

**MIKE PORTER**  
General Manager

**San Luis Canal Company**

**JACK THRELKELD**  
President

**ROBERT E. CAPEHART**  
General Manager

**Firebaugh Canal  
Water District**

**JOHN B. BRITTON**  
President

**JEFF BRYANT**  
General Manager

**Columbia Canal  
Company**

**DARRELL VINCENT**  
President

**DAVID WOOLLEY**  
General Manager

April 12, 1999

Mr. Don Marciochi, General Manager  
Grassland Water District  
22759 S. Mercy Springs Road  
Los Banos, CA 93635

**RE: Adaptive real-time management of seasonal wetlands in the Grassland  
Water District to improve water quality in the San Joaquin River**

  
Dear Mr. Marciochi:

As you are aware, the San Joaquin River Exchange Contractors Water Authority (Authority) is a Joint Powers Authority that represents four member agencies: the Central California Irrigation District, the Columbia Canal Company, the Firebaugh Canal Water District and the San Luis Canal Company. The Authority consists of approximately 240,000 acres on the Westside of the San Joaquin Valley with an annual water supply of 840,000 acre-feet in which we produce over 75 different crops with an estimated Farm level output of over \$380 million annually.

The Authority encompasses most of the Grassland Water District (GWD) and has enjoyed an excellent long-standing working relationship with it. The Authority has received and reviewed the GWD's Real-Time Water Quality Management proposal and we vigorously support it. Management of water quality in the San Joaquin River has been and continues to be an issue of paramount importance. Water Quality is being closely monitored by the State Water Resources Control Board, the Regional Water Quality Control Board, the U. S. Bureau of Reclamation and various local agencies including the Authority.

The GWD proposal includes most of the agencies mentioned above as co-participants and therefore has, in our opinion, the right agencies involved to make this a viable project. The Authority is also a participant in the San Joaquin River Agreement (a.k.a. VAMP) and water quality and flow from the GWD and the local refuges was a concern throughout the negotiations. This proposal, if implemented, would be a tremendous benefit to those involved in San Joaquin River Agreement and its implementation.

---

P. O. Box 2115  
836 6th Street  
Los Banos, California  
93635  
(209) 827-8616  
Fax (209) 827-9703

Grassland Water District

April 12, 1999

Page 2

Again, the Authority is in full support of your Real Time Water Quality Managemant proposal and would like to assist you in any way possible.

Sincerely,

A handwritten signature in cursive script, appearing to read "Steve Chedester".

Steve Chedester  
Executive Director

cc: Member Agencies



SUMMERS ENGINEERING, INC.

CONSULTING ENGINEERS

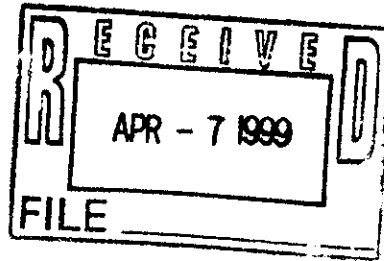
887 N. IRWIN ST. - P. O. BOX 1122  
HANFORD, CALIFORNIA 93232

JOSEPH B. SUMMERS  
JOSEPH C. MCGAHAN  
ROGER L. REYNOLDS  
BRIAN J. SKAGGS  
SCOTT L. JACOBSON

Note new  
area code  
→

TELEPHONE  
(559) 582-9237  
TELECOPIER  
(559) 582-7632

April 6, 1999



Don Marciochi  
Grassland Water District  
22759 South Mercey Springs Road  
Los Banos, CA 93635

**SUBJECT:** Adaptive Real-Time Management of Seasonal Wetlands in the  
Grassland Water District to Improve Water Quality in the  
San Joaquin River

Dear Don:

We have reviewed your application dated April 1, 1999 for the Real-Time Water Quality Management Project. We feel that this is a very necessary piece in the puzzle to provide better management of water quality in the San Joaquin River. It is an addition to the SJRMP Real-Time Management Program and to the operation and monitoring of the Grassland Bypass project. We would like to be kept up to date and coordinate with monitoring for the Grassland Bypass Project to determine the most efficient use of this real-time information. We therefore support the granting of the funds from the CALFED Program for this Real-Time Water Quality Management Project.

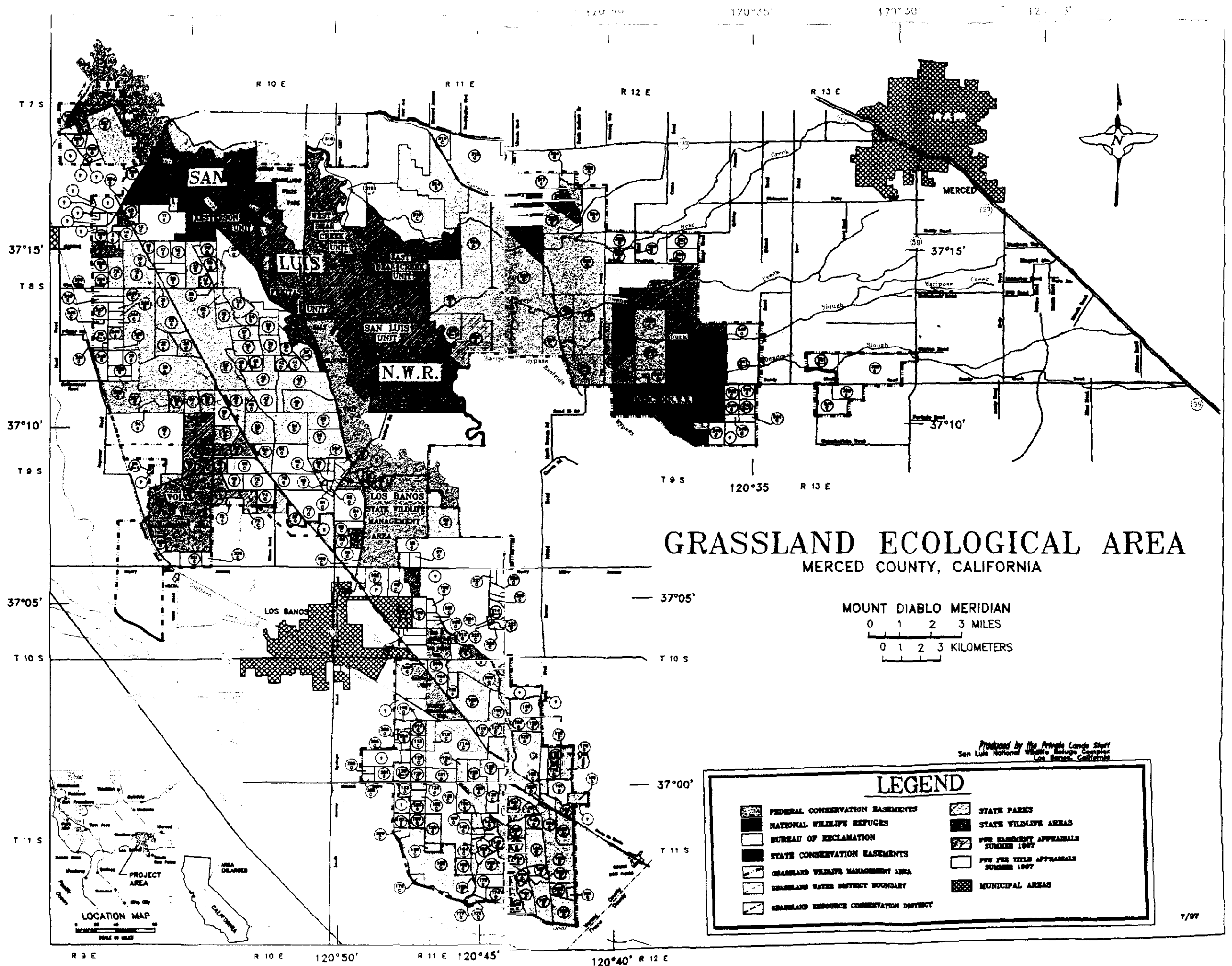
Very truly yours,

Joseph C. McGahan  
Drainage Coordinator for the Grassland Area Farmers

JCM/p

## **Attachment 3.**

### **Grassland Ecological Area Map**



**Attachment 4.**

**Linkage Map of Proposed Project with Related  
CALFED Projects**

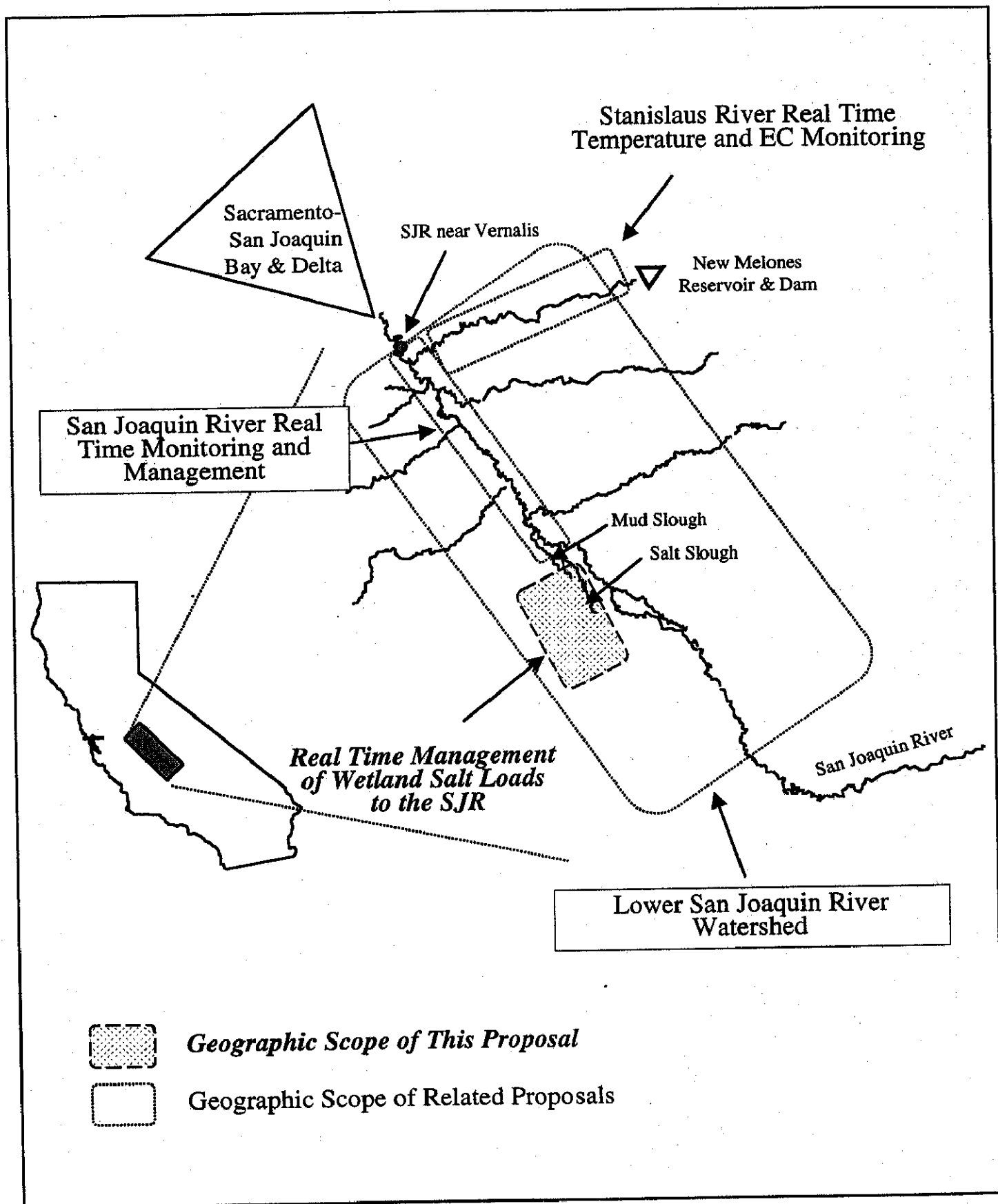


Figure AXX.1 Geographic Scope of Related CALFED Project Proposals

**Attachment 5.**

**Project Notification Letter to the County of Merced**



## Grassland Water District

22759 S. Mercey Springs Road  
Los Banos, CA 93635  
Telephone (209) 826-5188  
Fax (209) 826-4984

March 26, 1999

Supervisor Jerry O'Banion  
Merced County Board of Supervisors  
District 5  
County Administration Building  
2222 "M" Street  
Merced, CA 95340

Dear Mr. O'Banion:

Enclosed is a copy of a proposal to be submitted to CALFED for a Real-Time Water Quality Management project as developed by the Grassland Water District (GWD) in cooperation with Lawrence Berkeley National Laboratory, the California Regional Water Quality Control Board, the California Department of Water Resources and the U.S. Bureau of Reclamation.

The project proposes to implement a program of real-time monitoring and water management within the GWD to improve the coordination of return flows from GWD wetlands with the assimilative capacity of the San Joaquin River. By timing wetland discharges to coincide with peak River flows the project has the potential to improve San Joaquin River water quality.

I would welcome the opportunity to meet with you and/or other representatives of the County as you deem appropriate to discuss our proposal in detail. In the interim please contact me if you have any questions or need additional information.

Sincerely,

Don Marciochi  
General Manager

DM:mc

Enclosure

U.S. Department of the Interior

**Certifications Regarding Debarment, Suspension and  
Other Responsibility Matters, Drug-Free Workplace  
Requirements and Lobbying**

Persons signing this form should refer to the regulations referenced below for complete instructions:

Certification Regarding Debarment, Suspension, and Other Responsibility Matters - Primary Covered Transactions - The prospective primary participant further agrees by submitting this proposal that it will include the clause titled, "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transaction," provided by the department or agency entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions. See below for language to be used; use this form for certification and sign; or use Department of the Interior Form 1954 (DI-1954). (See Appendix A of Subpart D of 43 CFR Part 12.)

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions - (See Appendix B of Subpart D of 43 CFR Part 12.)

Certification Regarding Drug-Free Workplace Requirements - Alternate I. (Grantees Other Than Individuals) and Alternate II. (Grantees Who are Individuals) - (See Appendix C of Subpart D of 43 CFR Part 12)

Signature on this form provides for compliance with certification requirements under 43 CFR Parts 12 and 18. The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Department of the Interior determines to award the covered transaction, grant, cooperative agreement or loan.

---

**PART A: Certification Regarding Debarment, Suspension, and Other Responsibility Matters -  
Primary Covered Transactions**

---

*CHECK\_\_IF THIS CERTIFICATION IS FOR A PRIMARY COVERED TRANSACTION AND IS APPLICABLE*

- (1) The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
  - (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
  - (b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
  - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
  - (d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
- (2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

---

**PART B: Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion -  
Lower Tier Covered Transactions**

---

*CHECK\_\_IF THIS CERTIFICATION IS FOR A LOWER TIER COVERED TRANSACTION AND IS APPLICABLE*

- (1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- (2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.



---

**PART C: Certification Regarding Drug-Free Workplace Requirements**

---

CHECK ☒ IF THIS CERTIFICATION IS FOR AN APPLICANT WHO IS NOT AN INDIVIDUAL.

**Alternate I. (Grantees Other Than Individuals)**

A. The grantee certifies that it will or continue to provide a drug-free workplace by:

- (a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the grantee's workplace and specifying the actions that will be taken against employees for violation of such prohibition;
- (b) Establishing an ongoing drug-free awareness program to inform employees about--
  - (1) The dangers of drug abuse in the workplace;
  - (2) The grantee's policy of maintaining a drug-free workplace;
  - (3) Any available drug counseling, rehabilitation, and employee assistance programs; and
  - (4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;
- (c) Making it a requirement that each employee to be engaged in the performance of the grant be given a copy of the statement required by paragraph (a);
- (d) Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will --
  - (1) Abide by the terms of the statement; and
  - (2) Notify the employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction;
- (e) Notifying the agency in writing, within ten calendar days after receiving notice under subparagraph (d)(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title, to every grant officer on whose grant activity the convicted employee was working, unless the Federal agency has designated a central point for the receipt of such notices. Notice shall include the identification number(s) of each affected grant;
- (f) Taking one of the following actions, within 30 calendar days of receiving notice under subparagraph (d)(2), with respect to any employee who is so convicted --
  - (1) Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or
  - (2) Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency;
- (g) Making a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs (a) (b), (c), (d), (e) and (f).

B. The grantee may insert in the space provided below the site(s) for the performance of work done in connection with the specific grant:

Place of Performance (Street address, city, county, state, zip code)

Grassland Water District, 22759 S. Mercey Springs Rd., Merced County, CA 93635

Check ☐ if there are workplaces on file that are not identified here.

---

**PART D: Certification Regarding Drug-Free Workplace Requirements**

---

CHECK ☐ IF THIS CERTIFICATION IS FOR AN APPLICANT WHO IS AN INDIVIDUAL.

**Alternate II. (Grantees Who Are Individuals)**

- (a) The grantee certifies that, as a condition of the grant, he or she will not engage in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance in conducting any activity with the grant;
- (b) If convicted of a criminal drug offense resulting from a violation occurring during the conduct of any grant activity, he or she will report the conviction, in writing, within 10 calendar days of the conviction, to the grant officer or other designee, unless the Federal agency designates a central point for the receipt of such notices. When notice is made to such a central point, it shall include the identification number(s) of each affected grant

**PART E: Certification Regarding Lobbying**  
**Certification for Contracts, Grants, Loans, and Cooperative Agreements**

CHECK ☒ IF CERTIFICATION IS FOR THE AWARD OF ANY OF THE FOLLOWING AND  
THE AMOUNT EXCEEDS \$100,000: A FEDERAL GRANT OR COOPERATIVE AGREEMENT;  
SUBCONTRACT, OR SUBGRANT UNDER THE GRANT OR COOPERATIVE AGREEMENT.

CHECK ☐ IF CERTIFICATION IS FOR THE AWARD OF A FEDERAL  
LOAN EXCEEDING THE AMOUNT OF \$150,000, OR A SUBGRANT OR  
SUBCONTRACT EXCEEDING \$100,000, UNDER THE LOAN.

The undersigned certifies, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, and officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

As the authorized certifying official, I hereby certify that the above specified certifications are true.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL



TYPED NAME AND TITLE Don Marciochi, General Manager


DATE 4/15/99

# APPLICATION FOR FEDERAL ASSISTANCE

OMB Approval No. 0348-0043

<b>1. TYPE OF SUBMISSION:</b> Application <input type="checkbox"/> Construction <input checked="" type="checkbox"/> Non-Construction Preapplication <input type="checkbox"/> Construction <input type="checkbox"/> Non-Construction		<b>2. DATE SUBMITTED</b> 4/16/99	Applicant Identifier N/A
		<b>3. DATE RECEIVED BY STATE</b> N/A	State Application Identifier N/A
		<b>4. DATE RECEIVED BY FEDERAL AGENCY</b>	Federal Identifier

<b>5. APPLICANT INFORMATION</b>	
Legal Name: Grassland Water District	Organizational Unit:
Address (give city, county, State, and zip code): 22759 S. Mercey Springs Rd. Los Banos, Merced Co., CA, 93635	Name and telephone number of person to be contacted on matters involving this application (give area code) Don Marciochi (209) 826-5188
<b>6. EMPLOYER IDENTIFICATION NUMBER (EIN):</b> 94 - 2348958	<b>7. TYPE OF APPLICANT: (enter appropriate letter in box)</b> <div style="display: flex; justify-content: space-between;"> <div>           A. State            B. County            C. Municipal            D. Township            E. Interstate            F. Intermunicipal            G. Special District         </div> <div>           H. Independent School Dist.            I. State Controlled Institution of Higher Learning            J. Private University            K. Indian Tribe            L. Individual            M. Profit Organization            N. Other (Specify) _____         </div> </div> <div style="text-align: right; border: 1px solid black; padding: 2px;">G</div>
<b>8. TYPE OF APPLICATION:</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision If Revision, enter appropriate letter(s) in box(es): <input type="checkbox"/> <input type="checkbox"/> A. Increase Award    B. Decrease Award    C. Increase Duration D. Decrease Duration    Other(specify): _____	<b>9. NAME OF FEDERAL AGENCY:</b> Unknown at this time
<b>10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER:</b> TITLE: N/A	<b>11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT:</b> Adaptive Real-Time Management of Seasonal Wetlands in the Grassland Water District to improve water quality in the San Joaquin River.
<b>12. AREAS AFFECTED BY PROJECT (Cities, Counties, States, etc.):</b> Merced County, CA	
<b>13. PROPOSED PROJECT</b>	<b>14. CONGRESSIONAL DISTRICTS OF:</b>
Start Date    Ending Date 10/01/99    9/30/02	a. Applicant District 18 (Condit)
<b>15. ESTIMATED FUNDING:</b>	
a. Federal	\$ 652,330
b. Applicant	\$
c. State	\$ 54,600
d. Local	\$
e. Other	\$
f. Program Income	\$
g. TOTAL	\$ 706,930
<b>16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?</b> a. YES. THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON: DATE _____ b. No. <input checked="" type="checkbox"/> PROGRAM IS NOT COVERED BY E. O. 12372 <input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW	
<b>17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?</b> <input type="checkbox"/> Yes    If "Yes," attach an explanation. <input checked="" type="checkbox"/> No	
<b>18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT, THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.</b>	
a. Type Name of Authorized Representative Don Marciochi	b. Title General Manager
c. Telephone Number (209) 826-5188	
d. Signature of Authorized Representative 	
e. Date Signed 4/15/99	

Public reporting burden for this collection of information is estimated to average 45 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0043), Washington, DC 20503.

**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

This is a standard form used by applicants as a required facesheet for preapplications and applications submitted for Federal assistance. It will be used by Federal agencies to obtain applicant certification that States which have established a review and comment procedure in response to Executive Order 12372 and have selected the program to be included in their process, have been given an opportunity to review the applicant's submission.

- | Item: | Entry:  | Item: | Entry:   |
|-------|---|-------|--|
| 1.    | Self-explanatory.   | 12.   | List only the largest political entities affected (e.g., State, counties, cities).   |
| 2.    | Date application submitted to Federal agency (or State if applicable) and applicant's control number (if applicable).   | 13.   | Self-explanatory.  |
| 3.    | State use only (if applicable).   | 14.   | List the applicant's Congressional District and any District(s) affected by the program or project.  |
| 4.    | If this application is to continue or revise an existing award, enter present Federal identifier number. If for a new project, leave blank.   | 15.   | Amount requested or to be contributed during the first funding/budget period by each contributor. Value of in-kind contributions should be included on appropriate lines as applicable. If the action will result in a dollar change to an existing award, indicate <u>only</u> the amount of the change. For decreases, enclose the amounts in parentheses. If both basic and supplemental amounts are included, show breakdown on an attached sheet. For multiple program funding, use totals and show breakdown using same categories as item 15. |
| 5.    | Legal name of applicant, name of primary organizational unit which will undertake the assistance activity, complete address of the applicant, and name and telephone number of the person to contact on matters related to this application.  | 16.   | Applicants should contact the State Single Point of Contact (SPOC) for Federal Executive Order 12372 to determine whether the application is subject to the State intergovernmental review process.  |
| 6.    | Enter Employer Identification Number (EIN) as assigned by the Internal Revenue Service.   | 17.   | This question applies to the applicant organization, not the person who signs as the authorized representative. Categories of debt include delinquent audit disallowances, loans and taxes.  |
| 7.    | Enter the appropriate letter in the space provided.   | 18.   | To be signed by the authorized representative of the applicant. A copy of the governing body's authorization for you to sign this application as official representative must be on file in the applicant's office. (Certain Federal agencies may require that this authorization be submitted as part of the application.)  |
| 8.    | Check appropriate box and enter appropriate letter(s) in the space(s) provided:<br><br>-- "New" means a new assistance award.<br><br>-- "Continuation" means an extension for an additional funding/budget period for a project with a projected completion date.<br><br>-- "Revision" means any change in the Federal Government's financial obligation or contingent liability from an existing obligation. |       |  |
| 9.    | Name of Federal agency from which assistance is being requested with this application.  |       |  |
| 10.   | Use the Catalog of Federal Domestic Assistance number and title of the program under which assistance is requested.   |       |  |
| 11.   | Enter a brief descriptive title of the project. If more than one program is involved, you should append an explanation on a separate sheet. If appropriate (e.g., construction or real property projects), attach a map showing project location. For preapplications, use a separate sheet to provide a summary description of this project.   |       |  |

## BUDGET INFORMATION - Non-Construction Programs

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Real Time Water		\$	\$	\$ 411,450	\$ 18,200	\$ 429,650
2. Quality Management						
3. CALFED						
4.						
5 Totals		\$	\$	\$ 411,450	\$ 18,200	\$ 429,650
<b>6. Object Class Categories</b>						
				GRANT PROGRAM FUNCTION OR ACTIVITY		Total (5)
		(1)	(2)	(3)	(4)	
a. Personnel		\$	\$	\$	\$	\$
b. Fringe Benefits						
c. Travel						
d. Equipment						
e. Supplies						
f. Contractual						
g. Construction						
h. Other						
i. Total Direct Charges (sum of 6a-6h)						
j. Indirect Charges						
k. TOTALS (sum of 6i and 6j)		\$	\$	\$	\$	\$
7. Program Income		\$	\$	\$	\$	\$

SECTION D - FINANCIAL RESOURCES					
(a) Grant Program		(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS
8.		\$	\$	\$	\$
9.					
10.					
11.					
12.	TOTAL (sum of lines 8 - 11)	\$	\$	\$	\$

SECTION E - BUDGET ESTIMATE - FEDERAL FUNDS REQUIRED FOR THE PROJECT						
		Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13.	Federal	\$ 411,450	\$ 48,930	\$ 203,920	\$ 82,750	\$ 75,850
14.	NonFederal	18,200	4,550	4,550	4,550	4,550
15.	TOTAL (sum of lines 13 and 14)	429,650	53,480	208,470	87,300	80,400

		FUTURE FUNDING PERIODS (Years)			
(a) Grant Program		(b) First	(c) Second	(d) Third	(e) Fourth
16.		\$ 185,430	\$ 55,450	\$	\$
17.					
18.					
19.					
20.	TOTAL (sum of lines 16-19)	\$ 185,430	\$ 55,450	\$	\$

21. Direct Charges:	22. Indirect Charges:
23. Remarks:	

Public reporting burden for this collection of information is estimated to average 180 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0044), Washington, DC 20503.

**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

### General Instructions

This form is designed so that application can be made for funds from one or more grant programs. In preparing the budget, adhere to any existing Federal grantor agency guidelines which prescribe how and whether budgeted amounts should be separately shown for different functions or activities within the program. For some programs, grantor agencies may require budgets to be separately shown by function or activity. For other programs, grantor agencies may require a breakdown by function or activity. Sections A, B, C, and D should include budget estimates for the whole project except when applying for assistance which requires Federal authorization in annual or other funding period increments. In the latter case, Sections A, B, C, and D should provide the budget for the first budget period (usually a year) and Section E should present the need for Federal assistance in the subsequent budget periods. All applications should contain a breakdown by the object class categories shown in Lines a-k of Section B.

### Section A. Budget Summary. Lines 1-4 Columns (a) and (b)

For applications pertaining to a *single* Federal grant program (Federal Domestic Assistance Catalog number) and *not* requiring a functional or activity breakdown, enter on Line 1 under Column (a) the catalog program title and the catalog number in Column (b).

For applications pertaining to a *single* program requiring budget amounts by multiple functions or activities, enter the name of each activity or function on each line in Column (a), and enter the catalog number in Column (b). For applications pertaining to multiple programs where none of the programs require a breakdown by function or activity, enter the catalog program title on each line in Column (a) and the respective catalog number on each line in Column (b).

For applications pertaining to a *multiple* programs where one or more programs require a breakdown by function or activity, prepare a separate sheet for each program requiring the breakdown. Additional sheets should be used when one form does not provide adequate space for all breakdown of data required. However, when more than one sheet is used, the first page should provide the summary totals by programs.

### Lines 1-4, Columns (c) through (g)

For new applications, leave Columns (c) and (d) blank. For each line entry in Columns (a) and (b), enter in Columns (e), (f), and (g) the appropriate amounts of funds needed to support the project for the first funding period (usually a year).

For continuing grant program applications, submit these forms before the end of each funding period as required by the grantor agency. Enter in Columns (c) and (d) the estimated amounts of funds which will remain unobligated at the end of the grant funding period only if the Federal grantor agency instructions provide for this. Otherwise, leave these columns blank. Enter in Columns (e) and (f) the amounts of funds needed for the upcoming period. The amount(s) in Column (g) should be the sum of amounts in Columns (e) and (f).

For supplemental grants and changes to existing grants, do not use Columns (c) and (d). Enter in Column (e) the amount of the increase or decrease of Federal funds and enter in Column (f) the amount of the increase or decrease of non-Federal funds. In Column (g) enter the new total budgeted amount (Federal and non-Federal) which includes the total previous authorized budgeted amounts plus or minus, as appropriate, the amounts shown in Columns (e) and (f). The amount(s) in Column (g) should not equal the sum of amounts in Columns (e) and (f).

Line 5—Show the totals for all columns used.

### Section B. Budget Categories

In the column headings (1) through (4), enter the titles of the same programs, functions, and activities shown on Lines 1-4, Column (a), Section A. When additional sheets are prepared for Section A, provide similar column headings on each sheet. For each program, function or activity, fill in the total requirements for funds (both Federal and non-Federal) by object class categories.

Lines 6a-i—Show the totals of Lines 6a and 6h in each column.

Line 6j—Show the amount of indirect cost.

Line 6k—Enter the total of amounts on Lines 6i and 6j. For all applications for new grants and continuation grants the total amount in column (5), Line 6k, should be the same as the total amount shown in Section A, Column (g), Line 5. For supplemental grants and changes to grants, the total amount of the increase or decrease as shown in Columns (1)-(4), Line 6k should be the same as the sum of the amounts in Section A, Columns (e) and (f) on Line 5.

Line 7—Enter the estimated amount of income, if any, expected to be generated from this project. Do not add or subtract this amount from the total project amount. Show under the program.

## INSTRUCTIONS FOR THE SF-424A (continued)

narrative statement the nature and source of income. The estimated amount of program income may be considered by the federal grantor agency in determining the total amount of the grant

### Section C. Non-Federal Resources

**Lines 8-11--**Enter amounts of non-Federal resources that will be used on the grant. If in-kind contributions are included, provide a brief explanation on a separate sheet.

**Column (a) -** Enter the program titles identical to Column (a), Section A. A breakdown by function or activity is not necessary.

**Column (b) -** Enter the contribution to be made by the applicant.

**Column (c) -** Enter the amount of the State's cash and in-kind contribution if the applicant is not a State or State agency. Applicants which are a State or State agencies should leave this column blank.

**Column (d) -** Enter the amount of cash and in-kind contributions to be made from all other sources.

**Column (e) -** Enter totals of Columns (b), (c), and (d).

**Line 12--**Enter the total for each of Columns (b)-(e). The amount in Column (e) should be equal to the amount on Line 5, Column (f) Section A.

### Section D. Forecasted Cash Needs

**Line 13--**Enter the amount of cash needed by quarter from the grantor agency during the first year.

**Line 14--**Enter the amount of cash from all other sources needed by quarter during the first year.

**Line 15--**Enter the totals of amounts on Lines 13 and 14.

### Section E. Budget Estimates of Federal Funds Needed for Balance of the Project.

**Lines 16-19--**Enter in Column (a) the same grant program titles shown in Column (a), Section A. A breakdown by function or activity is not necessary. For new applications and continuation grant applications, enter in the proper columns amounts of Federal funds which will be needed to complete the program or project over the succeeding funding period (usually in years). This section need not be completed for revisions (amendments, changes, or supplements) to funds for the current year of existing grants.

If more than four lines are needed to list the program titles, submit additional schedules as necessary.

**Line 20--**Enter the total for each of the Columns (b)-(e). When additional schedules are prepared for this Section, annotate accordingly and show the overall totals on this line.

### Section F. Other Budget Information

**Line 21--**Use this space to explain amounts for individual direct object-class cost categories that may appear to be out of the ordinary or to explain the details as required by the Federal grantor agency.

**Line 22--**Enter the type of indirect rate (provisional, predetermined, final or fixed) that will be in effect during the funding period, the estimated amount of the base to which the rate is applied, and the total indirect expense.

**Line 23--**Provide any other explanations or comments deemed necessary.



**ASSURANCES - NON-CONSTRUCTION PROGRAMS**

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET.  
END IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

**NOTE:** Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL

TITLE

General Manager

APPLICANT ORGANIZATION

DATE SUBMITTED

Grassland Water District

4/16/99